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ABSTRACT

In response to a legislative request, Mississippi Gulf Coast Junior College gathered and analyzed opening fall enrollment figures for 1968 through 1978, three-year average percentages of enrollment by county of residence and by campus attended, and end-of-year headcounts from the 1968-69 academic year to the end of 1978-79. Fall enrollment figures showed a total student increase of 156%, a full-time student increase of 93.9%, and a fluctuation in vocational enrollment compared to steady growth (in percentage and number of students) in academic and technical areas. End-of-year counts increased for academic, technical, regular, and non-credit areas, but showed declining trends in manpower, InPlant, apprenticeship, and high school vocational enrollments. Additionally, enrollments were analyzed to determine the percentage of females in the populations of the college's service area counties and the sexual composition of Fall 1978 full- and part-time enrollments at each of the college's campuses. The study revealed that females made up 48.5% of total enrollment, compared to 48.7% of the area population, and that while the number and percentages of female students had steadily increased, the rate of success in matching female enrollment with population percentages varied between counties and program areas. (JP)

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ED178105

MISSISSIPPI
GULF COAST JUNIOR COLLEGE
CENTRAL OFFICE

Title: TEN YEAR COMPARISON OF ENROLLMENTS

DECEMBER 7, 1978

Institutional Research Report No. 78/79-1

1. PROBLEM. Members of the Coast Legislative Delegation asked for enrollment information on the college covering a ten year period, where possible. The attached report was sent to the Legislators. Since it covers enrollments over a ten year period and took quite a bit of time to compile; and since it contains information that will be used in the long range plan to be done this year, it is published as an Institutional Research Report as a matter of official record.

2. DISCUSSION. It is recommended that members of the Administrative Council and campus/center directors review this information as it pertains to their location.

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JC 790 304

FACT SHEET ON ENROLLMENTS
Prepared for Legislators
as of October 17, 1978
by
Herb Carnathan

Reason for Preparation. In recent sessions with Coast Delegation Legislators, several asked for enrollments for 10 years, enrollments by location, and by county of residence. Attachments and comments to follow provide this information.

Three attachments are provided to answer questions posed. Attachment 1, Opening Fall Enrollments for 1968-1978 reveals some interesting trends. These are college totals for all students (full time and part time) enrolled in academic, technical, and vocational programs. Note that some totals are not shown for 1968-70. Since 1971, reporting elements have been constant, although definitions of part time vocational students have varied causing variations in these totals.

a. Total students increased from 2366 in 1968 to 6067 in 1978, an increase of 3701 or 156%.

b. Total full time students increased from 1829 in 1968 to 3546 in 1978, an increase of 1717 or 93.9%.

c. A review of full time academic and technical students from 1971 to 1978 shows healthy growth. Full time vocational students have fluctuated.

d. Significant changes in the make-up, by percentage and numbers of students, have occured through the years, as follows:

	Tot.Acad.	Tot.Tech.	Tot.Voc.	Agg.	Tot. FT	Tot. PT
1971	2084 (58.1%)	644 (18%)	856 (23.9%)	3584	2588 (72.2%)	966 (26.8%)
1974	2355 (59.9%)	875 (22.2%)	702 (17.9%)	3932	2771 (70.5%)	1161 (29.5%)
1977	3646 (64.5%)	1415 (25.1%)	596 (10.4%)	5657	3308 (58.5%)	2349 (41.5%)

Comment: Academic program growth is substantial, i.e., from 2084 in 1971 to 3646 in 1977, an increase of 1562; a 75% increase.

Technical growth, likewise, is substantial; from 644 in 1971 to 1415 in 1977; an increase of 771 or 120%.

Vocational totals are distorted by the definition changes for part time students. Constant figures for full time vocational students show 407 in 1971 to 491 in 1977, an increase of 84, or 20.6%.

Total full time growth is healthy; from 2588 in 1971 to 3308 in 1977; an increase of 720, or 27.8%.

Total part time students show the greatest growth; from 966 in 1971 to 2349 in 1977; an increase of 1383, or 143%. Part time academic has grown from 526 in 1971 to 1829 in 1977, an increase of 1303 or 248%. Part time technical has grown from 21 in 1971 to 415 in 1977; an increase of 394, or 188%.

Attachment 2, Where Students Come From and Where They Attend, shows three year average percentages of enrollments for the students shown on Attachment 1, by county or location of residence, as follows:

	Where they come from in %		Where they attend in %
Harrison County	55.4%	Jeff Davis & Keesler	53.5%
Jackson County	34.8%	Jackson County	31.8%
Stone County	3.3%	Perkinston	13.1%
George County	2.9%		1.6%
*Other	3.7%		

*Out of District or State

Note the slightly smaller percentages attending Jefferson Davis and Keesler as opposed to the total number of students coming from Harrison County; the same holds true for Jackson County. The remaining students go to Perkinston Campus. A two-year average of these students, by county of residence, shows the following:

County	% of Students at Perkinston
Jackson	19.5%
Harrison	37
Stone	23.7
George	11
Other	9

Attachment 3, End of Year Headcount and Totals. This attachment varies from the preceding in that these totals are end year as opposed to opening fall enrollments. The following significant facts can be derived from this attachment. All compare 1968-69 to end of 1977-78.

Academic and Technical enrollments increased 5103, +180%.

Vocational increased 896, +172%. Please note previous vocational totals pertained to opening fall enrollments. With open entry-open exit enrollments, the figures shown in this column reflect all vocational students enrolled throughout the year.

Summer Programs increased 1379, +150%. These are persons enrolled in summer school.

Regular Program enrollments increased 7351, +172%.

Manpower enrollments fluctuate according to amount of funds available.

InPlant enrollments are based on Ingalls requirements. Note the decline from 1976 to 1977.

Apprenticeship enrollments, likewise, are dependent on Ingalls employment rates. Note decline in 1977.

High School Vocational enrollments appear to have stabilized at approximately 530. As more high schools get their own vocational labs, this number will decrease.

Other non-credit enrollments continually increase as citizens show interest in coming to the campuses. The coast Health and P. E. Buildings have brought hundreds of persons to the campuses since they were built.

Total Headcount has shown a 159.6% increase from 1968-69 to 1977-78. The college is proud of this citizen involvement.

Opening Fall Enrollments 1968-78 (Includes FT & PT Academic, Technical, and Vocational Students; Does Not Include Adult & Non Credit Students)
Prepared for Coast Legislative Delegation

SOURCE: Fall Six Weeks Enrollment Reports - Years Shown

FALL	FT AC.	PT AC.	FT TECH.	PT TECH.	FT VOC.	PT VOC.	TOTAL ACAD.	TOT. TECH.	TOT. VOC.	TOT. FT	TOT. PT.	AGGREGATE
1978	1887	2052	1070	329	589	140	3939	1399	729	3546	2521	6067
1977	1817	1829	1000	415	491	105	3646	1415	596	3308	2349	5657
1976	1807	1663	856	417	511	107	3470	1273	618	3174	2187	5361
1975	1779	1616	891	321	603	3	3395	1212	606	3273	1940	5213
1974	1618	737	631	244	522	180	2355	875	702	2771	1161	3932
1973	1468	579	549	131	395	338	2047	680	733	2412	1048	3460
1972	1536	387	499	62	307	134	1923	561	441	2342	583	2925
1971	1558	526	623	21	407	449	2084	644	856	2588	996	3584
1970	N/A	N/A	N/A	N/A	N/A	N/A	1554	347	280	N/A	N/A	2181
1969	N/A	N/A	N/A	N/A	N/A	N/A	1489	301	236	N/A	N/A	2026
1968	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		1829	537	2366

NOTE: 1. Six Weeks Reports were formatted in 1971 to provide a more detailed comparison than from previous years.

2. Part time Vocational students fluctuate because of changes in definitions.

Attachment 1

WHERE REGULAR PROGRAM STUDENTS* COME FROM

	Fall, 75	Fall, 76	Fall, 77
Harrison County	2,820 (54%)	2,972 (55.4%)	3,223 (56.9%)
Jackson County	1,908 (36.6%)	1,865 (34.8%)	1,867 (32.9%)
Stone County	156 (3%)	191 (3.6%)	179 (3.2%)
George County	156 (3%)	146 (2.7%)	156 (3%)
Other	173 (3.3%)	187 (3.5%)	242 (4.3%)
Total	5,213	5,361	5,667

WHERE STUDENTS ATTEND

Jackson County	1,641 (31.5%)	1,744 (32.5%)	1,780 (31.4%)
Jefferson Davis	2,163 (41.5%)	2,193 (40.9%)	2,400 (42.4%)
Keesler	595 (11.4%)	652 (12.2%)	689 (12.2%)
Harrison County Total	2,758 (52.9%)	2,845 (53.1%)	3,089 (54.6%)
Perkinston	712 (13.7%)	690 (12.9%)	722 (12.7%)
George County	102 (1.9%)	82 (1.5%)	76 (1.3%)
Total	5,213	5,361	5,667

PERK ATTENDANCE BY COUNTY

Jackson	125 (18.1%)	150 (20.8%)
Harrison	249 (36.1%)	273 (37.8%)
Stone	169 (24.5%)	165 (22.8%)
George	79 (11.4%)	76 (10.5%)
Other	68 (9.9%)	58 (8%)
Total	690	722

*Regular Prlgram students are Full-time and Part-time students in Academic, Technical, and Vocational Programs only.

Source Institutional Research Report, 77/78-9, Fall 1977 Students & Preceeding Years, Where They Come From, March, 78.

Attachment 2

END OF YEAR HEADCOUNT TOTALS

1968-69/1977-78

Headcount represents count of total number of students enrolled in any college program.

Year	Aca. Tech.	Vocational	Summer Program	Total Program	Manpower CETA	Inplant Welding	Apprentice-ship	High Schools	Other Non-Credit	Total Headcount
1977-78	7,937	1,389	2,296	11,622	416	4,548	561	530	8,720	26,397
1976-77	6,071	899	2,238	9,208	453	6,193	700	527	8,599	25,680
1975-76	7,200	817	2,355	10,372	438	6,448	841	530	7,728	26,365
1974-75	4,312	1,430	2,204	7,946	635	7,027	991	487	6,483	23,579
1973-74	4,203	932	1,395	6,530	625	6,383	832	444	7,473	22,287
1972-73	2,779	1,086	911	4,776	904	6,531	519	446	4,968	18,144
1971-72	2,428	989	856	4,273	1,371	6,004	680	277	5,092	17,697
1970-71	2,858	1,127	1,058	5,043	1,139	4,048	463	241	4,020	14,954
1969-70	2,835	550	1,123	4,508	1,074	2,331	465	83	3,436	11,897
1968-69	2,834	520	917	4,271	623	2,174	1,344	0	1,758	10,170

Attachment 3

MISSISSIPPI
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CENTRAL OFFICE

Title: SEX ANALYSIS OF FALL 1978 STUDENTS AS COMPARED TO 1973, 1974, 1975, and 1977

Institutional Research Report No. 78/79-4

DECEMBER 7, 1978

1. PROBLEM. The college compliance states that MGCJC does not discriminate against any person because of race, sex, etc. A previous study shows an analysis of students enrolled in Fall 1977, by race. This report provides a sex analysis of students enrolled in full time and part time academic, technical, and vocational programs. It may be of interest to recruiters and those involved in the long range plan to be done this year.

2. DISCUSSION. Facts that follow are taken from the following tables or previous studies:

Table 1 - County Population 1970 Census, Table 35; shown are County, Population, Females, % Females.
Table 2 - Sex Analysis Fall 1978 Six Weeks Report
IR Report 77/78-4, Sex Analysis of Fall 1977 Students as Compared to 1973, 1974, and 1975, November 29, 1977
IR Report 75/76-8, Race and Sex Analysis of Students, January 26, 1976, shows comparative data for 1973-75.

3. Table 1 shows that the district-wide, the percentage of females is 48.7%. In total number of students the college is in good shape as shown by Table 2; 48.5% are female; 50.2% of full time students are female; part time is 46.2%. Highest percentage of females is in the technical area with 62.3% in full time (probably the impact of the ADN and Secretarial Science students.) Next is the 48.4% of females in the Academic Full Time status. Problems are shown in the vocational area with only 22.6% in full time and part time students. Recruiters may want to give emphasis to recruiting female vocational students.

4. Looking at total students, we find the following:

	1973	1974	1975	1977	1978
Total	3,752	4,629	5,262	5,657	6,067
Male	2,324	2,751	3,018	2,883	3,123
Female	1,428	1,878	2,244	2,774	2,944
%Female	38.1%	40.6%	42.6%	49%	48.5%.

COMMENT. Both the number and percentage of females has increased each year until 1978 when the number increased, but the percentage dropped .5%; bringing the percentage .2 of a percentage point below the district average. Recruiters are urged to take note.

5. Looking at total full time students, we find:

	1973	1974	1975	1977	1978
Total	2,413	2,861	3,464	3,308	3,546
Male	1,397	1,370	1,973	1,603	1,766
Female	1,016	1,491	1,491	1,705	1,780
%Female	42.1%	44.8%	43%	51.5%	50.2%.

COMMENT. 1977 and 1978 were the first years the percentage of females exceeded the district percent of females.

6. Looking at total part time students, we find:

	1973	1974	1975	1977	1978
Total	1,339	1,768	1,798	2,349	2,521
Male	927	1,173	1,045	1,280	1,357
Female	412	595	753	1,069	1,164
%Female	30.8%	33.7%	41.9%	45.6%	46.2%.

COMMENT. The college has not yet reached the district-wide percentage in any of the years. 1978 is the closest.

7. Jackson County percentage of females is 50.1%. Aggregate percentage of female students is 51.7%; aggregate full time students is 49.8%; of part time students 54.8%. Academic percentage of females are: full time, 51.7%; part time, 52.2%; technical 62%-full time 61.2%, part time 64.5%; vocational full time 21.1%. Special attention might be given to recruiting female vocational students.

8. Harrison County percentage of females is 47.1%. Aggregate percentage of female students is 52.4%; full time is 52.5%, part time is 52.2%. Academic percentages of females are 55.5% total; for full time 51.6%; for part time 60.2%; for technical: total 63.7%; for full time 67%; for part time 53.9%. Special attention might be given to recruiting female vocational students since only 19.5% of vocational students are female.

9. District percentage of females is 48.7%. Since Perkinston Campus recruits from all over the district, female percentages are compared against that figure. Aggregate: 47.6%; full time 45%; part time 73.4%; academic full time 46.5%; part time 72.2%; technical, 57.2% total; full time 55.6%; part time 80%; vocational 5.7%. Perkinston percentage of females is generally lower than the district percentage. It may be advisable to specifically recruit more females; especially in vocational programs.

10. George County percentages of females are 49.5%. The George County OTC exceeds this with 51.2%.

11. Keesler has a relatively low percentage of females; 25.9%. It is noted that most of the base population is male.

12. Appreciation is greatfully acknowledged to Mrs. Shirlee Arkwright for doing research on and generating Table 2.

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TABLE 1

COUNTY POPULATION 1970 CENSUS TABLE 35

	Population	Female	% Female
George	12,459	6,172	(49.5%)
Harrison	134,582	64,082	(47.6%)
Jackson	87,975	44,077	(50.1%)
Stone	8,101	3,993	(49.3%)
TOTAL:	243,117	118,324	(48.7%)

SEX ANALYSIS
FALL 1978
SIX WEEKS REPORT

	Jackson County				Jefferson Davis				Perkinston				George Cty.				Keesler				College			
	Total	M	F	%	Total	M	F	%	Total	M	F	%	Total	M	F	%	Total	M	F	%	Total	M	F	%
Academic																								
FT Day InSt.	548	265	283	51.6	853	407	446	52.3	443	235	208	47									1844	907	937	50.8
FT Day O/S	7	3	4	57.1	19	15	4	21	17	11	6	35.3									43	29	14	32.6
PT Day InSt.	120	45	75	62.5	217	81	136	62.7	21	8	13	61.9					73	46	27	37	431	180	251	58.2
PT Day O/S	1	-	1	100	7	5	2	28.6	-	-	-	-									8	5	3	37.5
Evn. InSt.	428	211	217	50.7	506	204	302	59.7	33	7	26	78.8					630	475	155	24.6	1597	897	700	43.8
Evn. O/S	12	12	-	-	4	2	2	50	-	-	-	-									16	14	2	12.5
TOTAL FT:	555	268	287	51.7	872	422	450	51.6	460	246	214	46.5									1887	936	951	50.4
TOTAL PT.	561	268	293	52.2	734	292	442	60.2	54	15	39	72.2					703	521	182	25.9	2052	1096	956	46.6
TOTAL ACAD:	1116	536	580	52	1606	714	892	55.5	514	261	253	49.2					703	521	182	25.9	3939	2032	1907	48.4
Technical																								
FT Day InSt.	437	169	268	61.3	489	161	328	67	130	59	71	54.6									1056	389	667	63.2
FT Day O/S	6	3	3	50	3	1	2	66.7	5	1	4	80									14	5	9	64.3
PT Day InSt.	57	23	34	59.6	99	27	72	72.7	7	-	7	100									163	50	113	69.3
PT Day O/S					3	3	-	-													3	3	-	-
Evn. InSt.	95	31	64	67.4	62	44	18	29	3	2	1	33.3									160	77	83	51.9
Evn. O/S					3	3	-	-													3	3	-	-
TOTAL FT:	443	172	271	61.2	492	162	330	67	135	60	75	55.6									1070	394	676	63.2
TOTAL PT:	152	54	98	64.5	167	77	90	53.9	10	2	8	80									329	133	196	59.6
TOTAL TECH:	595	226	369	62	659	239	420	63.7	145	62	83	57.2									1399	527	872	62.3
Vocational																								
FT Day InSt.	210	168	42	20	239	177	62	25.9	52	49	3	5.8	83	40	43	51.8					584	434	150	25.7
FT Day O/S	3	-	3	100					1	1	-	-	1	1	-	-					5	2	3	60
PT Day InSt.																					-	-	-	-
PT Day O/S																					-	-	-	-
Evn. InSt.					140	128	12	8.6													140	128	12	8.6
Evn. O/S																					-	-	-	-
TOTAL FT:	213	168	45	21.1	239	177	62	25.9	53	50	3	5.7	84	41	43	51.2					589	436	153	26
TOTAL PT:					140	128	12	8.6													140	128	12	8.6
TOTAL VOCAT:	213	168	45	21.1	379	305	74	19.5	53	50	3	5.7	84	41	43	51.2					729	564	165	22.6
AGGREGATE FT:	1211	608	603	49.8	1603	761	842	52.5	648	356	292	45	84	41	43	51.2					3546	1766	1780	50.2
AGGREGATE PT:	713	322	391	54.8	1041	497	544	52.2	64	17	47	73.4					703	521	182	25.9	2521	1357	1164	46.2
AGGREGATE:	1924	930	994	51.7	2644	1258	1386	52.4	712	373	339	47.6	84	41	43	51.2	703	521	182	25.9	6067	3123	2944	48.5

TABLE 2

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